

Datasheet for ABIN5684080
anti-ENPP3 antibody (AA 45-163)

5 Images

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Overview

Quantity:	0.1 mg
Target:	ENPP3
Binding Specificity:	AA 45-163
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD203C (AA: extra 45-163) expressed in E. coli.
Clone:	3F5H10
Isotype:	IgG1
Purification:	purified

Target Details

Target:	ENPP3
Alternative Name:	CD203C (ENPP3 Products)
Background:	Description: The protein encoded by this gene belongs to a series of ectoenzymes that are involved in hydrolysis of extracellular nucleotides. These ectoenzymes possess ATPase and ATP pyrophosphatase activities and are type II transmembrane proteins. Expression of the

Target Details

related rat mRNA has been found in a subset of immature glial cells and in the alimentary tract. The corresponding rat protein has been detected in the pancreas, small intestine, colon, and liver. The human mRNA is expressed in glioma cells, prostate, and uterus. Expression of the human protein has been detected in uterus, basophils, and mast cells. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene.

Aliases: ENPP3, B10, NPP3, PDNP3, PD-IBETA

Molecular Weight:	100.1 kDa
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Gene ID:	5169
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HGNC:	962
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Pathways:	Regulation of Muscle Cell Differentiation , Negative Regulation of Transporter Activity
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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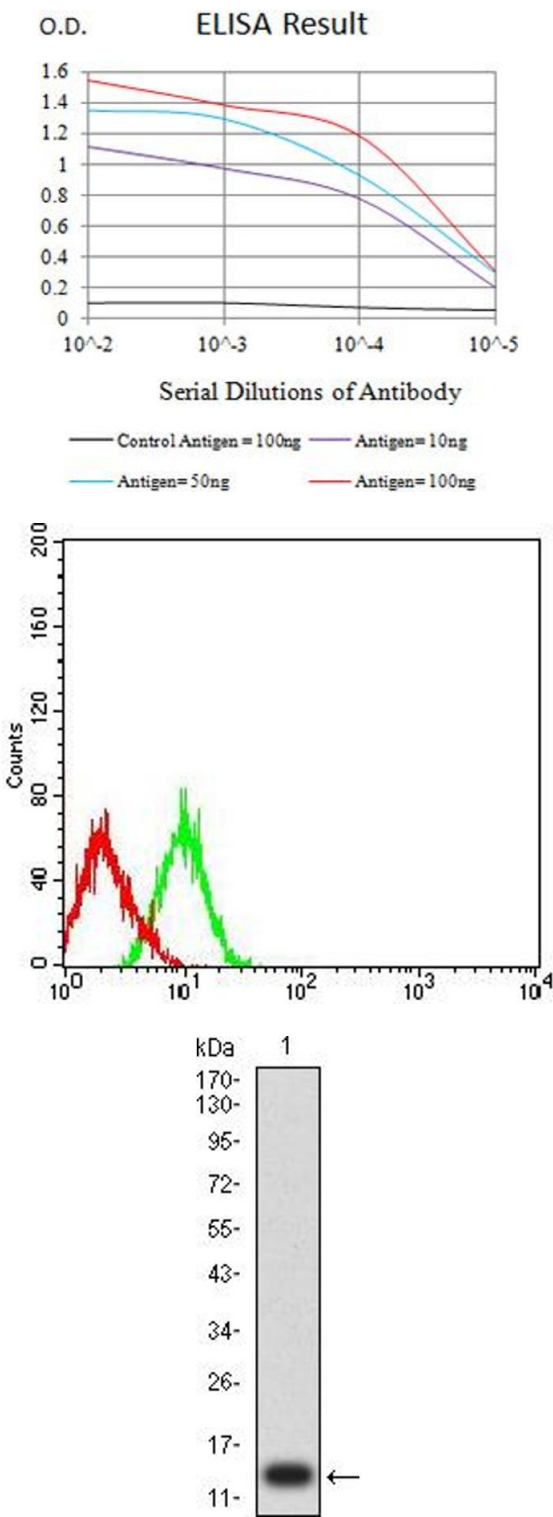
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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ELISA

Image 1. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Flow Cytometry

Image 2. Flow cytometric analysis of HL-60 cells using CD203C mouse mAb (green) and negative control (red).

Western Blotting

Image 3. Western blot analysis using CD203C mAb against human CD203C (AA: extra 45-163) recombinant protein. (Expected MW is 13.6 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5684080.